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Federal-State Cooperative
Snow Surveys and Water Supply Forecasts
for
NEVADA

SOIL CONSERVATION SERVICE
UNITED STATES DEPARTMENT OF AGRICULTURE
NEVADA AGRICULTURE EXPERIMENT STATION
AND
NEVADA STATE ENGINEER

Data included in this report were obtained by the agencies named above in cooperation with the Federal, State and local organizations listed on the last page of this report.

— AS OF —
APRIL 1, 1955

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

TO RECIPIENTS OF COOPERATIVE SNOW SURVEY
AND WATER SUPPLY FORECAST REPORTS:

Forecasts by U. S. Weather Bureau of total annual streamflow October-September, inclusive, at more than 300 gaging stations are issued monthly January through May in the publication WATER SUPPLY FORECASTS FOR THE WESTERN UNITED STATES.

Weather Bureau forecasts of runoff presented in that bulletin are computed from procedures based on mathematical analysis of the relation between precipitation and runoff.

The Weather Bureau bulletins may be secured by writing to:

Hydrologist in Charge
River Forecast Center
U. S. Weather Bureau
712 Federal Office Building
Kansas City 6, Missouri

For current information on local river and flood conditions, reference should be made to the appropriate River District Office, listed below:

Meteorologist in Charge.....Truckee, Carson, Walker
Weather Bureau Airport Station and Susan River Basins.
Box 1250
Reno, Nev.

Climatologist.....Humboldt River Basin
Weather Bureau Office and other miscellaneous
501 Federal Bldg. Basins in Nevada with
Salt Lake City 1, Utah the exception of the
Truckee, Carson, Walker
and Susan River Basins

State of Nevada

FEDERAL - STATE COOPERATIVE
SNOW SURVEYS AND WATER SUPPLY FORECASTS
for
N E V A D A

Report Prepared
by

Norman S. Hall, Hydraulic Engineer

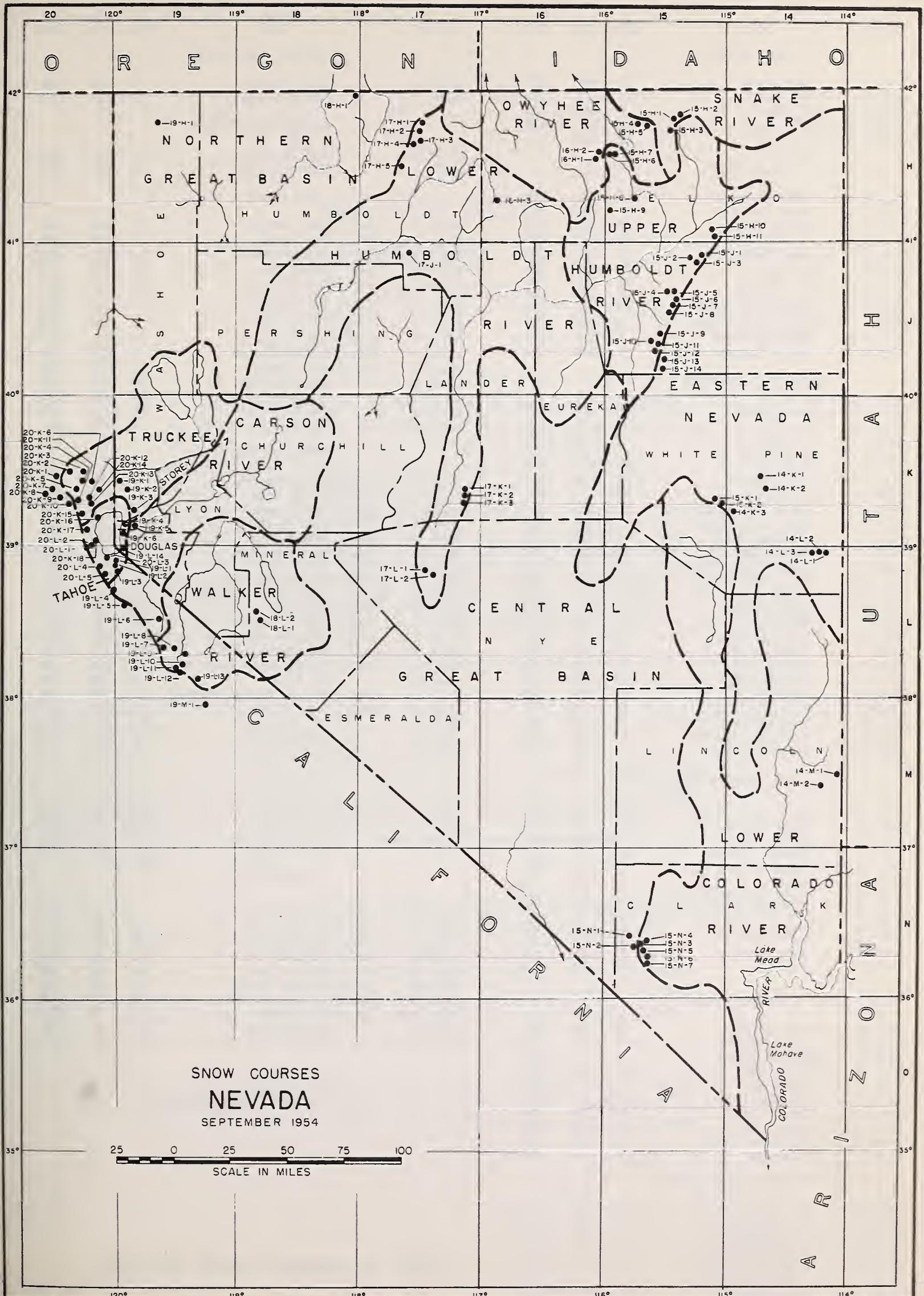
Soil Conservation Service
1485 Wells Avenue
Reno, Nevada

Issued by

George Hardman
State Conservationist
Soil Conservation Service

Hugh A. Shamberger
Nevada State Engineer

April 9, 1955



NUMBER	NAME	SEC.	TWP.	RGE.	NUMBER	NAME	SEC.	TWP.	RGE.
SNAKE RIVER									
15-H- 1	Bear Creek	31	46N	58E	15-N- 2	Clark Canyon	8	19S	56E
15-H- 2	Fox Creek	33	46N	58E	15-N- 1	Trough Springs	23	18S	55E
15-H- 3	76 Creek	6	44N	58E	NORTHERN GREAT BASIN				
15-H- 5 *	Gold Creek	31	45N	56E	NORTHERN GREAT BASIN				
15-H- 4 *	Big Bend	30	45N	56E	NORTHERN GREAT BASIN				
OWYHEE RIVER									
17-H- 2 *	Lower Buckskin	25	45N	39E	19-H- 1	Bald Mountain	17	45N	21E
17-H- 1 *	Upper Buckskin	11	45N	39E	18-H- 1	Disaster Peak	8	47N	34E
17-H- 3 *	Martin Creek	18	44N	40E	LAKE TAHOE				
17-H- 4 *	Granite Peak	22	44N	39E	20-L- 4	(Cal.) Lake Lucille	28	12N	17E
15-H- 5	Gold Creek	31	45N	56E	20-L- 1	(Cal.) Rubicon #1	6	13N	17E
15-H- 4	Big Bend	30	45N	56E	19-L- 3	(Cal.) Hagans Meadow	36	12N	18E
15-H- 7 *	Fry Canyon	31	43N	54E	19-L- 2	(Cal.) Freel Bench	36	12N	18E
15-H- 6 *	Rodeo Flat	36	43N	53E	20-K-17	(Cal.) Ward Creek	21	15N	16E
16-H- 1	Lower Jack Creek	18	42N	53E	19-L- 1	(Cal.) Upper Truckee	21	12N	18E
16-H- 2	Upper Jack Creek	9	42N	53E	20-K-16	(Cal.) Tahoe City	6	15N	17E
15-H- 8 *	Tremewan Ranch	9	39N	55E	20-L- 2	(Cal.) Rubicon #2	6	13N	17E
15-H- 9 *	Taylor Canyon	35	39N	53E	20-K-18	(Cal.) Rubicon #3	32	11N	17E
UPPER HUMBOLDT RIVER									
15-H- 1 *	Bear Creek	31	46N	58E	20-L- 3	(Cal.) Richardsons #2	6	12N	18E
15-H- 2 *	Fox Creek	33	46N	58E	20-L- 5	(Cal.) Echo Summit	6	11N	18E
15-H- 3 *	76 Creek	6	44N	58E	19-K- 4	Marlette Lake	13	15N	18E
15-H- 5 *	Gold Creek	31	45N	56E	19-L-14	Daggetts Pass	19	13N	19E
15-H- 4 *	Big Bend	30	45N	56E	19-K- 6	Glenbrook #2	13	14N	18E
15-H- 7 *	Fry Canyon	31	43N	54E	19-K- 2 *	Mt. Rose	7	17N	19E
15-H- 6 *	Rodeo Flat	36	43N	53E	TRUCKEE RIVER				
16-H- 1 *	Lower Jack Creek	18	42N	53E	20-K- 5	(Cal.) Independence Lake	9	18N	15E
16-H- 2 *	Upper Jack Creek	9	42N	53E	20-K- 1 *	(Cal.) Webber Peak	30	19N	11E
15-H- 8	Tremewan Ranch	9	39N	55E	20-K-10 *	(Cal.) Donner Summit	25	17N	14E
15-H- 9	Taylor Canyon	35	39N	53E	20-K-17 *	(Cal.) Ward Creek	21	15N	16E
15-H-10	Lower Trout Creek	28	37N	61E	20-K- 2	(Cal.) Webber Lake	20	19N	14E
15-H-11	Upper Trout Creek	4	36N	61E	20-K- 6	(Cal.) Sage Hen Creek	7	18N	16E
15-J- 1	Dorsey Basin	28	35N	60E	20-K-16 *	(Cal.) Tahoe City	6	15N	17E
15-J- 2	Ryan Ranch	1	34N	59E	20-K-13	(Cal.) Truckee #2	22	17N	16E
15-J- 3	Dry Creek	5	34N	60E	20-K- 3	(Cal.) Independence Creek	14	19N	15E
15-J- 4	Lamoille #1	15	32N	58E	20-K-14	(Cal.) Boca #2	28	18N	17E
15-J- 5	Lamoille #2	14	32N	58E	20-K- 8 *	(Cal.) Furnace Flat	10	17N	13E
15-J- 6	Lamoille #3	24	32N	58E	20-K- 7 *	(Cal.) Fordyce Lake	34	18N	13E
15-J- 7	Lamoille #4	19	32N	59E	20-K- 9 *	(Cal.) Soda Springs	23	17N	14E
15-J- 8	Lamoille #5	31	32N	59E	20-K- 4	(Cal.) Independence Camp	34	19N	15E
15-J- 9	Green Mountain	23	29N	57E	19-K- 2	Mt. Rose	7	17N	19E
15-J-10	Harrison Pass #1	9	28N	57E	20-K-12	(Cal.) Truckee Ranger Station	10	17N	16E
15-J-11	Harrison Pass #2	16	28N	57E	20-K-11	(Cal.) Donner Lake	14	17N	15E
15-J-12	Corral. Canyon	27	28N	57E	19-K- 1	Big Meadows	15	18N	18E
LOWER HUMBOLDT RIVER									
19-M- 1 *	Lower Buckskin	25	45N	39E	19-K- 3	Little Valley	17	16N	19E
17-H- 1	Upper Buckskin	11	45N	39E	20-K-15	(Cal.) Squaw Valley	6	15N	16E
17-H- 3	Martin Creek	18	44N	40E	CARSON RIVER				
17-H- 4	Granite Peak	22	44N	39E	19-L- 4	(Cal.) Carson Pass	22	10N	18E
17-H- 5	Lamance Creek	13	42N	38E	19-L- 6	(Cal.) Poison Flat	25	8N	21E
16-H- 3	Midas	18	39N	46E	19-L- 5	(Cal.) Blue Lakes	30	9N	19E
17-K- 1	Big Creek Camp Ground	10	17N	43E	19-K- 5	Clear Creek	16	14N	19E
17-K- 2	Big Creek Mine	23	17N	43E	WALKER RIVER				
17-K- 3	Upper Big Creek	26	17N	43E	19-L-12	(Cal.) Center Mountain	4	3N	23E
17-L- 1	Lower Corral	12	11N	40E	19-L- 7	(Cal.) Sonora Pass	1	5N	21E
17-L- 2	Upper Corral	20	11N	41E	19-L-11	(Cal.) Buckeye Forks	20	4N	23E
17-J- 1	Golconda	22	35N	39E	19-L-13	(Cal.) Virginia Lakes	5	2N	25E
EASTERN NEVADA									
15-J-13	Cave Creek	25	27N	57E	19-L- 9	(Cal.) Willow Flat	21	5N	23E
15-J-14	Hager Canyon	31	27N	57E	19-L-10	(Cal.) Buckeye Roughs	15	4N	23E
14-K- 3	Murray Summit	25	16N	62E	19-L- 8	(Cal.) Leavitt Meadows	4	5N	22E
14-L- 1	Baker #1	29	13N	69E	19-M- 1 *	(Cal.) Tioga Pass	30	1N	25E
14-L- 2	Baker #2	30	13N	69E	* Located on adjacent watershed				
14-L- 3	Baker #3	25	13N	68E	18-L- 1	Lapon Meadow	36	8N	28E
14-K- 2	Berry Creek	26	17N	65E	18-L- 2	Mt. Grant	23	8N	28E
14-K- 1	Bird Creek	34	19N	65E					
15-K- 1	Robinson Summit	34	18N	61E					
15-K- 2	Kimberly	18	16N	62E					
LOWER COLORADO RIVER									
15-N- 6	Rainbow Canyon	31	19S	57E					
15-N- 5	Kyle Canyon	26	19S	56E					
15-N- 4	Lee Canyon #1	10	19S	56E					
15-N- 3	Lee Canyon #2	9	19S	56E					
15-N- 7	Rainbow Canyon #2	6	20S	57E					
14-M- 1	Mathew Canyon	11	5S	70E					
14-M- 2	Pine Canyon	11	6S	69E					

INDEX to NEVADA SNOW COURSES

WATER SUPPLY OUTLOOK

FOR NEVADA

April 1, 1955

*
* Water supplies in Nevada will be below normal *
* throughout the main irrigated valleys. Eastern *
* Nevada presents the best snow stored water *
* picture while the remaining portion of the *
* state ranges from 60 to 70 percent. Along *
* the Humboldt tributaries, streams can be expected
* to flow from 40 to 50 percent of normal while *
* the main Humboldt at Palisade will flow about *
* 17 percent of normal. Watersheds on the east *
* central portion of the Sierras flowing into *
* Nevada will yield 50 to 70 percent of normal *
* flow.
** *

During the past month the snow stored water has improved slightly in the Humboldt River watersheds. The eastern Nevada portion has held steady while the southern and western portions have decreased in snow water content.

U. S. Geological Survey reports October through March winter streamflow on the Eastern Sierra and Humboldt River averaged about 50 and 35 percent of normal respectively. They also report that ground-water levels are below normal. In all areas of the state new record low levels are being established this spring by well measurements.

All reservoirs are very low. April 1 reservoir storage in 7 important reservoirs was 44 percent of capacity and 67 percent of 1943-52 ten year average.

STREAMFLOW FORECASTS APRIL 1, 1955

Forecast Stream	April-July, Streamflow Thousands Acre Feet				
	Forecast 1955	10-yr.Ave. 1943-52	1955 as % 1943-52	Measured Runoff 1954	Measured Runoff 1953
			10-yr.Ave.		
Owyhee River nr. Gold Creek, Nevada ¹	11	28	39	4	22
Owyhee River nr. Owyhee, Nev. ¹	45	97	46	18	90
Lamoille Creek nr. Lamoille, Nev.	14	29	48	15	23
So. Fk. Humboldt nr. Elko, Nev.	35	90	39	22	45
Humboldt River at Palisade, Nev.	45	268	17	29	118
Martin Creek nr. Paradise, Nev.	9	20	45	4	13
East Walker nr. Bridgeport, Cal. ²	29	63	46	32	51
West Walker nr. Coleville, Cal.	100	149	67	112	140
East Carson nr. Gardnerville, Nevada	135	194	70	141	188
West Carson at Woodfords, Cal.	34	54	63	38	59
Carson River nr. Carson City, Nevada	100	190	53	120	190
Carson River at Fort Churchill, Nevada	87	172	51	106	106
Little Truckee River above Boca, California ⁵	49	78	63	40	97
Truckee River at Farad, Cal. ^{3,5}	146	262	56	149	280
Lake Tahoe Rise ^{4,5}	0.75	1.5	50	0.8	1.9

1. Corrected for storage in Wild Horse Reservoir.
2. For period April through August corrected for storage in Bridgeport Reservoir.
3. Exclusive of Tahoe and corrected for storage in Boca Reservoir.
4. Maximum rise, in feet, from April 1, assuming gates closed.
5. Forecast issued by Truckee Basin Water committee which is composed composed of Truckee-Carson Irrigation District, Sierra Pacific Power Company and Washoe County Water Conservation District.

STREAMFLOW FORECASTS APRIL 1, 1955

Snake River Basin in Nevada

Water stored in the snow pack on the mountain watersheds of Salmon Falls Creek and Bruneau River is 78 percent of normal. This is approximately the same as last year.

The Owyhee River near Gold Creek, corrected for change in storage in Wild Horse Reservoir, is forecast to flow 11,000 acre feet during April through July. This is 39 percent of the 1943-52 ten year normal. Further downstream, the Owyhee River at Owyhee, Nevada, for the same period and corrected for change in storage, the forecast is 45,000 acre feet or 46 percent of normal. Wild Horse Reservoir with a capacity of 33,000 acre feet, stored 3,118 acre feet on April 1. This Reservoir will not fill this runoff season.

Upper Humboldt River

March storms improved the water supply outlook slightly in this area. Northern feeders are about 70 percent of average while the southern feeders are about 65 percent of average. This year there is more low elevation snow than last year but it is still below average.

Lamoille Creek is forecast to flow 14,000 acre feet or about 48 percent of the 1943-52 ten year normal. On the South Fork of the Humboldt near Elko the April through July forecast is for 35,000 acre feet or 39 percent of normal. On the main Humboldt at Palisade, the April through July forecast is for 45,000 acre feet or only 17 percent of the 1943-52 ten year normal. Ground water levels in the upper valleys as well as the main valley are at record low levels. Snow pack densities have been very low all winter indicating a "dry snow".

Lower Humboldt River

In the Santa Rosa Mountains above Paradise Valley, snow stored water has improved over last year at this time. Low elevation snow is about 80 percent of average while high elevation is about 70 percent. The April through July forecast for Martin Creek near Paradise is 9,000 acre feet or 45 percent of the 1943-52 ten year normal. In this area the ground water levels are at new record lows.

Rye Patch Reservoir impounded only 10,800 acre feet which is only 6 percent of capacity or 8 percent of the 1943-52 ten year normal. Upper Reese River averages about 50 percent of normal mountain snow water content.

Eastern Nevada

Snow surveys in eastern Nevada presented the brightest snow stored picture in the state. Here the water content is about 99 percent of normal. A near normal water supply is assured for this coming runoff season.

Lower Colorado River in Nevada

Up until the April surveys the southern part of Nevada has had near normal snow stored water. March storms did not add any more snow. Snow stored water on the Spring Mountains, feeding the Las Vegas Artesian Basin, is about 67 percent of normal. Last year this area was above normal.

Lake Mead contained 11,558,000 acre feet of usable storage on April 1. This is only 64 percent of the 1943-52 ten year average and is also the lowest since the reservoir was allowed to approach filling in 1938.

Central Great Basin

As of April 1 the snow pack on the west slope of the Spring Mountains, from which groundwater flows into Pahrump Valley, was 63 percent of normal. Last year this area was above normal.

Northern Great Basin

The northwestern desert area of Nevada has more snow stored water than last year. The pack on the headwaters of McDermitt Creek is only 47 percent normal but that on Sheldon Antelope Refuge measured above normal.

Walker River

Snow stored water in the mountain watershed of this area is about 66 percent of average. In Bridgeport Valley, groundwater levels are lower than last year and second lowest on record.

The April through August forecast flow of East Walker near Bridgeport, corrected for change in storage in Bridgeport Reservoir is 29,000 acre feet or 46 percent of the 1943-52 ten year normal. Storage in Bridgeport Reservoir on April 1 was 20,717 acre feet and 62 percent of the ten year normal which is 50 percent of its usable storage capacity.

On the West Walker near Coleville, the April through July flow is forecast at 100,000 acre feet or 67 percent of the 1943-52 ten year normal. Storage in Topaz Reservoir on April 1 was 22,372 acre feet or only 37 percent of usable capacity. This present stored water is 51 percent of the 1943-52 ten year normal.

Carson Basin

Snow stored water on this Sierra watershed is below last year and is 68 percent average. U. S. Geological Survey reports groundwater levels below normal and below last years measurement. East Carson near Gardnerville is forecast to flow 135,000 acre feet or 70 percent of the 1943-52 ten year normal. It is anticipated that the river flow will drop below 200 cubic feet per second during the second week of July.

West Carson at Woodfords is forecast to flow 34,000 acre feet or 63 percent of the ten year normal.

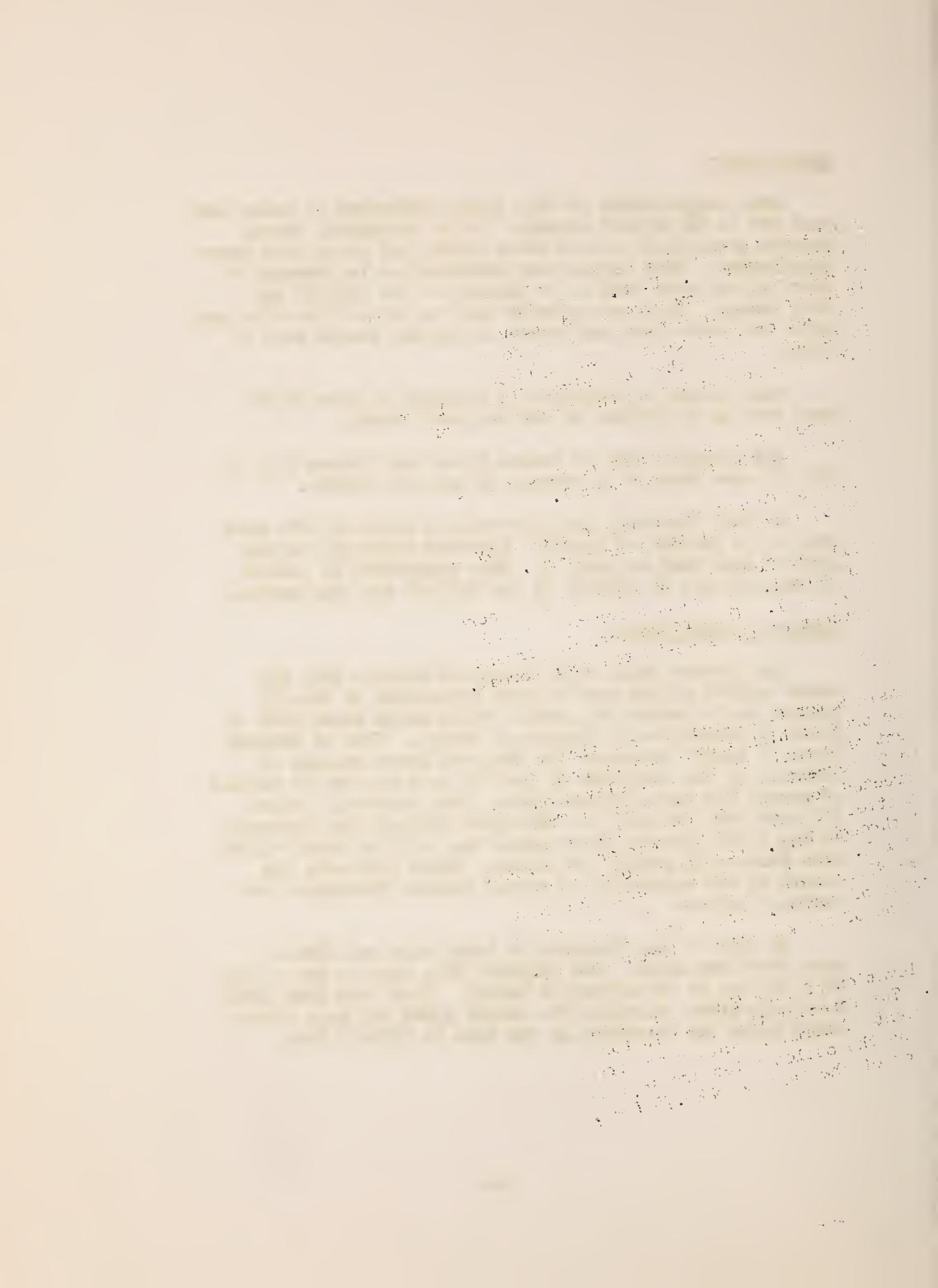
The forecast flow of Carson River near Carson City is 100,000 acre feet or 53 percent of ten year normal.

At Fort Churchill the flow will be about 87,000 acre feet or 51 percent of normal. Lahontan Reservoir stored 191,378 acre feet on April 1. This represents 67 percent of capacity and 85 percent of the 1943-52 ten year normal.

Truckee - Tahoe Basin

The Truckee Basin Water Committee reports that the water content of the snow of high elevations is from 65 percent to 70 percent of normal, while lower elevations is about 45 percent to 50 percent of normal. Flow of Truckee River at Farad, corrected for Boca and Tahoe storage is forecast by the Committee at 146,000 acre feet or 52 percent of normal for April through July. Boca Reservoir stored 973 acre feet on April 1. The April through July forecast on the Little Truckee River above Boca will be about 49,000 acre feet or 63 percent of normal. These forecasts are issued on the assumption of normal weather throughout the forecast period.

On April 1 the elevation of Lake Tahoe was 6226.01 feet above sea level. The forecast this year is for a rise of 0.75 feet or 50 percent of normal. This rise from April 1 to high water, assuming the outlet gates are kept closed, would raise the elevation of the Lake to 6226.75 feet.



STATUS OF RESERVOIR STORAGE

April 1, 1955

BASIN AND STREAM	RESERVOIR	USABLE CAPACITY (Thous. A.F.)	THOUS. ACRE FEET USABLE STORAGE ABOUT APR. 1				10-yr. Ave. 1943-52
			1955	1954	1953		
Owyhee	Wild Horse	33	3	20	23		17
Lower Humboldt	Rye Patch	178	11	96	165		141
Colorado	Mohave	1,810	1,755	1,785	1,639	New Reservoir	
Colorado	Mead	27,217	11,558	15,701	17,764		17,926
East Walker	Bridgeport	42	21	41	42		34
West Walker	Topaz	59	22	50	59		43
Carson	Lahontan	286	191	270	273		224
Tahoe	Tahoe	732	361	602	571		449
Truckee	Boca	41	1	6	7		9

NEVADA SNOW SURVEYS APRIL 1, 1955

DRAINAGE BASIN AND SNOW COURSE	No.	Elev.	Date of Survey	SNOW COVER MEASUREMENTS			Past Record			Years of Record	
				1955		Water Content (in.)	Water Content (In.)				
				Snow Depth (in.)	Water Content (in.)		1954	1953	Average		
SNAKE RIVER											
Bear Creek	15H1	7800	3/31	51	17.2	12.1	19.9	20.9	12		
Fox Creek	15H2	6800	3/30	27	8.3	5.9	8.4	9.0	18		
76 Creek	15H3	7100	3/25	35	9.9	9.4	15.5	12.5	6		
Gold Creek	15H5	6600	3/26	16	4.8	2.0	6.2	6.6	15		
Big Bend	15H4	6700	3/26	23	6.5	4.9	4.9	9.8	27		
Goat Creek	15H13	8800	3/31	41	14.0	-	-	-	0		
Pole Creek											
Ranger Station	15H14	8330	3/31	49	16.8	-	-	-	0		
Hummingbird Springs	15H15	8945	3/31	54	17.2	-	-	-	0		
OWYHEE RIVER											
Lower Buckskin	17H2	6700	3/31	20	6.7	4.8	2.1	7.9	13		
Upper Buckskin	17H1	7200	3/31	25	8.8	3.2	5.1	10.0	18		
Martin Creek	17H3	6700	3/29	16	4.9	4.9	4.4	7.6	13		
Granite Peak	17H4	7800	3/29	24	6.7	6.3	9.5	11.1	14		
Big Bend	15H4	6700	3/26	23	6.5	4.9	9.7	9.8	27		
Fry Canyon	15H7	6700	3/26	34	6.8	3.0	9.7	9.6	14		
Rodeo Flat	15H6	6800	3/26	24	6.7	3.9	10.2	10.3	14		
Lower Jack Creek	16H1	6800	3/29	15	4.0	1.4	0	3.9	20		
Upper Jack Creek	16H2	7250	3/29	31	9.1	6.4	11.4	11.0	14		
Tremewan Ranch	15H8	5700	3/26	0	0	0	0	0.9	13		
Taylor Canyon	15H9	6200	3/29	11	3.3	3.6	0	3.9	14		
UPPER HUMBOLDT											
Bear Creek	15H1	7800	3/31	51	17.2	12.1	19.9	20.9	12		
Fox Creek	15H2	6800	3/30	27	8.3	5.9	8.4	9.0	18		
76 Creek	15H3	7100	3/25	35	9.9	9.4	15.5	12.5	6		
Gold Creek	15H5	6600	3/26	16	4.8	2.0	6.2	6.6	15		
Big Bend	15H4	6700	3/26	23	6.5	4.9	9.7	9.8	27		
Fry Canyon	15H7	6700	3/26	34	6.8	3.0	9.7	9.6	14		
Rodeo Flat	15H6	6800	3/26	24	6.7	3.9	10.2	10.3	14		
Lower Jack Creek	16H1	6800	3/29	15	4.0	1.4	0	3.9	20		
Upper Jack Creek	16H2	7250	3/29	31	9.1	6.4	11.4	11.0	14		
Tremewan Ranch	15H8	5700	3/26	0	0	0	0	0.9	13		
Taylor Canyon	15H9	6200	3/29	11	3.3	3.6	0	3.9	14		
Lower Trout Creek	15H10	6900	4/4	13	2.6	1.8	0	2.8	9		
Upper Trout Creek	15H11	8500	4/4	42	14.8	16.7	18.1	26.7	9		
Dorsey Basin	15J1	8100	3/31	46	15.4	9.2	10.7	15.4	13		
Ryan Ranch	15J2	5800	3/31	0	0	0	0	1.1	13		
Dry Creek	15J3	6500	3/30	10	3.8	1.6	0	4.1	13		

NEVADA SNOW SURVEYS APRIL 1, 1955

DRAINAGE BASIN AND SNOW COURSE	No.	Elev.	SNOW SURVEY MEASUREMENTS						Years of Record
			Date of Survey	1955 Snow Depth (in.)	Water Content (in.)	Water Content (in.)	1954	1953	
UPPER HUMBOLDT (continued)									
Lamoille #1	15J4	7100	3/30	28	8.5	9.9	7.5	9.7	22
Lamoille #2	15J5	7300	3/30	25	6.0	8.3	8.0	10.2	25
Lamoille #3	15J6	7700	3/30	36	8.8	10.4	10.0	13.9	19
Lamoille #4	15J7	8000	3/30	43	12.6	15.5	16.5	19.4	13
Lamoille #5	15J8	8700	3/30	59	18.1	24.1	26.7	28.0	16
Green Mountain	15J9	8000	3/31	35	10.6	10.1	12.6	13.6	11
Harrison Pass #1	15J10	6600	3/31	6	1.6	3.3	0	4.9	18
Harrison Pass #2	15J11	7400	3/31	12	3.7	3.8	0	5.1	13
Corral Canyon	15J12	8500	4/1	44	14.3	17.5	14.0	19.3	11
LOWER HUMBOLDT									
Lower Buckskin	17H2	6700	3/31	20	6.7	4.8	2.1	7.9	13
Upper Buckskin	17H1	7200	3/31	25	8.8	3.2	5.1	10.0	18
Martin Creek	17H3	6700	3/29	16	4.9	4.9	4.4	7.6	13
Granite Peak	17H4	7800	3/29	24	6.7	6.3	9.5	11.1	14
Lamance Creek	17H5	6000	3/28	22	7.0	0	0	7.9	10
Midas	16H3	7200	No Survey		0	0	0	1.8	13
Big Creek Camp Gr.	17K1	6600	3/1	0	0	2.0	0	1.9	13
Big Creek Mine	17K2	7600	3/1	9	3.5	-	0	3.6	11
Upper Big Creek	17K3	8000	3/1	25	8.8	-	5.1	8.5	11
Lower Corral	17L1	7500	3/31	0	0	3.6	0	1.7	12
Upper Corral	17L2	8500	3/31	6	1.4	4.3	0	4.5	12
EASTERN NEVADA									
Murray Summit	14K3	7250	3/28	12	4.2	4.5	0	3.4	17
Baker #1	14L1	7950	3/30	21	6.0	10.8	0	6.5	13
Baker #2	14L2	8950	3/30	51	17.6	19.9	7.7	18.1	13
Baker #3	14L3	9250	3/30	54	18.4	23.8	7.4	19.9	13
Berry Creek	14K2	9100	3/29	48	15.8	17.6	12.7	17.6	7
Bird Creek	14K1	7500	3/29	12	4.2	4.6	0	4.3	7
Robinson Summit	15K1	7600	3/28	0	0	2.9	0	3.4	5

NEVADA SNOW SURVEYS APRIL 1, 1955

DRAINAGE BASIN AND SNOW COURSE	No.	Elev.	SNOW SURVEY MEASUREMENTS						Years of Record	
			Date of Survey	1955		Past Record				
				Snow Depth (in.)	Water Content (in.)	Water Content (in.)	1954	1953 Average		
LOWER CANYON										
Rainbow Canyon	15N6	7800	3/31	26	9.6	18.8	2.9	13.0	14	
Kyle Canyon	15N5	8200	3/31	18	7.5	14.7	0.6	11.1	13	
Lee Canyon #1	15N4	8300	3/29	16	5.8	14.3	0	9.9	14	
Lee Canyon #2	15N3	9000	3/30	20	6.6	14.8	0.4	11.3	13	
Rainbow Canyon #2	15N7	8100	3/31	34	12.0	23.4	4.6	16.1	8	
CENTRAL GREAT BASIN										
Clark Canyon	15N2	9000	3/30	19	6.1	12.8	0.3	9.1	10	
Trough Springs	15N1	8500	3/28	10	3.9	11.0	0	6.6	9	
NORTHERN GREAT BASIN										
Bald Mountain	19H1	6720	4/4	13	4.0	1.4	2.4	3.2	15	
Disaster Peak	18H1	6500	3/31	22	6.5	3.2	10.1	13.7	6	
TAHOE										
Lake Lucille	20L4	8400	3/31	111	47.8	46.9	59.9	59.4	41	
Rubicon #1	20L1	8100	3/29	109	37.4	45.8	52.2	47.1	39	
Hagans Meadow	19L3	8000	3/30	37	12.2	15.2	17.8	17.9	37	
Freel Bench	19L2	7300	3/30	19	6.7	9.1	11.0	11.1	25	
Ward Creek	20K17	7000	4/1	79	34.4	38.9	49.9	45.5	42	
Upper Truckee	19L1	6400	3/30	9	3.9	7.1	9.3	7.7	25	
Tahoe City	20K16	6250	4/1	10	3.8	7.2	14.4	13.4	44	
Rubicon #2	20L2	7500	3/29	62	22.5	24.0	31.9	29.6	36	
Rubicon #3	20K18	6700	3/29	49	15.6	19.9	24.5	21.9	14	
Richardsons	20L3	6500	3/30	33	11.6	16.4	19.2	18.5	11	
Echo Summit	20L5	7500	4/2	64	26.5	30.8	34.7	40.1	15	
Marlette Lake	19K4	8000	3/29	55	19.4	17.6	22.1	22.9	38	
Daggetts Pass	19L14	7350	3/29	17	5.4	8.0	12.0	13.4	38	
Glenbrook	19K6	6900	3/30	32	10.0	14.1	14.0	15.3	13	
Mt. Rose	19K2	9000	4/1	65	26.2	26.8	33.8	32.0	45	

NEVADA SNOW SURVEYS APRIL 1, 1955

DRAINAGE BASIN AND SNOW COURSE	No.	Elev.	SNOW COVER MEASUREMENTS			Past Record			Years of Record	
			Date of Survey	1955		Water Content (In.)				
				Snow Depth (in.)	Water Content (in.)	1954	1953 Average			
TRUCKEE										
Independence Lk.	20K5	8450	4/2	80	28.7	33.7	42.0	42.6	18	
Webber Peak	20K1	8000	3/31	84	34.0	42.1	38.0	41.2	33	
Donner Summit	20K10	6900	3/31	72	30.9	35.0	39.4	39.8	44	
Ward Creek	20K17	7000	4/1	79	34.4	38.9	49.9	45.5	42	
Webber Lake	20K1	7000	3/31	59	23.6	25.5	30.9	30.7	30	
Sage Hen Creek	20K6	6500	4/3	37	11.2	15.1	19.9	19.0	18	
Tahoe City	20K16	6250	4/1	10	3.8	7.2	14.4	13.4	44	
Truckee #2	20K13	6400	4/2	29	8.8	13.0	14.4	14.2	24	
Independence Cr.	20K3	6500	4/2	30	10.5	12.2	16.4	14.0	18	
Boca	20K14	5900	3/31	7	2.7	4.1	3.5	5.7	20	
Furnace Flat	20K8	6600	3/25	85	36.1	43.2	-	45.2	35	
Fordyce Lake	20K7	6500	3/30	74	32.0	34.8	45.8	39.3	37	
Soda Springs	20K9	6750	3/31	65	28.4	33.6	40.2	36.5	26	
Independence Cp.	20K4	7000	4/2	41	15.5	21.3	26.1	24.1	14	
Mt. Rose	19K2	9000	4/1	65	26.2	26.8	33.8	32.0	45	
Truckee Ranger Station	20K12	6000	4/1	17	6.3	8.8	6.3	11.1	10	
Donner Lake	20K11	5950	4/2	40	14.8	20.3	25.9	24.0	11	
Big Meadows	19K1	8800	4/4	58	19.2	18.0	16.3	23.0	32	
Little Valley	19K3	6300	3/31	15	5.3	8.1	4.9	9.8	13	
Squaw Valley	20K15	7500	3/30	109	39.9	47.7	58.9	-	2	
CARSON										
Carson Pass	19L4	8600	3/31	66	27.4	32.0	32.3	35.4	25	
Poison Flat	19L6	7900	3/25	29	9.6	17.4	15.0	16.4	13	
Blue Lakes	19L5	8000	3/30	72	26.4	31.9	31.9	36.0	36	
Clear Creek	19K5	7300	3/31	27	10.3	12.9	12.3	16.3	6	
WALKER										
Center Mountain	19L12	9400	3/27	67	25.7	36.2	33.9	35.8	32	
Sonora Pass	19L7	8800	4/4	49	16.7	22.0	20.9	24.6	25	
Buckeye Forks	19L11	8500	3/27	41	13.7	19.9	20.4	20.3	24	
Virginia Lakes	19L13	9500	3/26	37	11.6	16.8	15.5	17.7	8	
Willow Flat	19L9	8250	3/28	21	7.3	10.2	7.1	10.8	21	
Buckeye Roughs	19L10	7900	3/26	36	12.2	18.4	18.9	21.3	32	
Leavitt Meadows	19L8	7200	Flooded by ice		9.1	4.5	7.9	25		
Tioga Pass	19M1	9900	3/30	56	20.7	26.0	21.2	24.9	24	
Lapon Meadow	18L1	9000	4/1	0	0	4.0	0	-	3	
Mt. Grant	18L2	9000	4/1	0	0	5.8	1.4	-	3	

NEVADA COOPERATIVE SNOW SURVEYS

Agencies Cooperating in Collecting Data Contained in this Bulletin

FEDERAL

Scil Conservation Service
Forest Service
Geological Survey
Bureau of Reclamation
Fish and Wildlife Service
Army
Navy
Air Force

STATE

Nevada State Engineer
Nevada State Forester-Firewarden
Colorado River Commission of Nevada
California Cooperative Snow Surveys
California Division of Water Resources
Oregon Cooperative Snow Surveys

PRIVATE

Walker River Irrigation District
Amalgamated Sugar Company
Owyhee Project North Board of Control
Owyhee Project South Board of Control
Virginia City Water Company
Kennecott Copper Corporation
Squaw Valley Development Company
Pacific Gas & Electric Company
Nevada Irrigation District
Sierra Pacific Power Company
Washoe County Water Conservation District
Truckee-Carson Irrigation District

Federal - State - Private

COOPERATIVE SNOW SURVEYS

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Furnishes the basic data
necessary for forecasting
water supply for irrigation,
domestic and municipal water
supply, hydro-electric power
generation, navigation,
mining and industry

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“WATER IS THE WEST'S GREATEST RESOURCE”